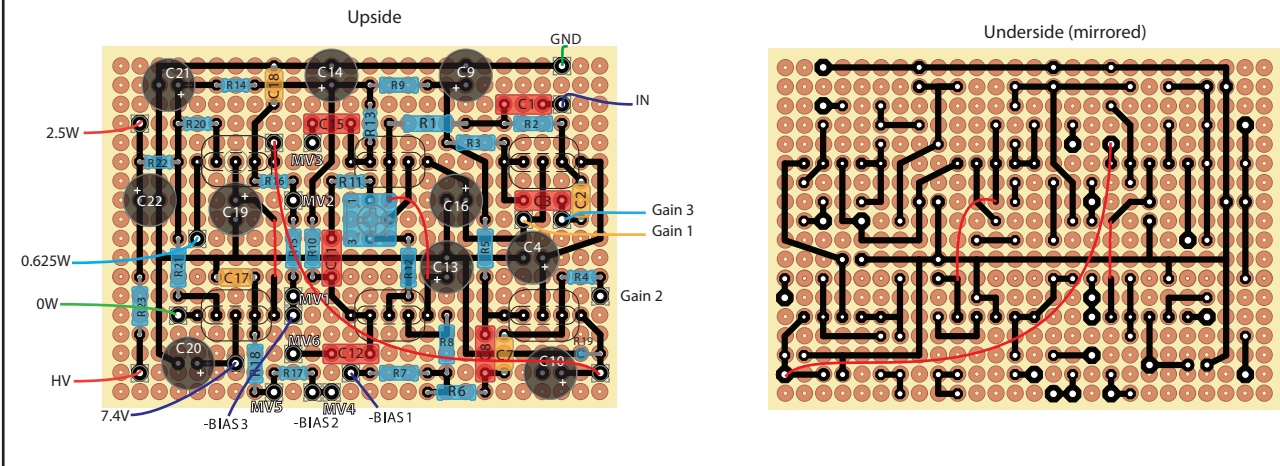
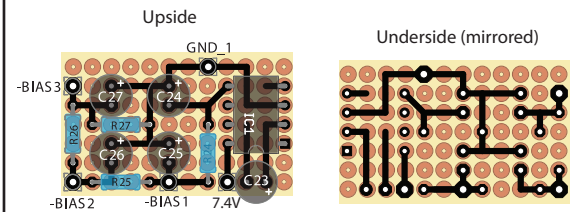


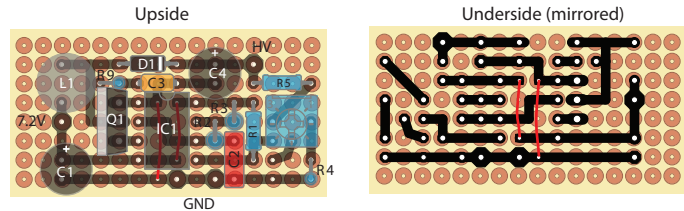
## Audio/Tube circuit



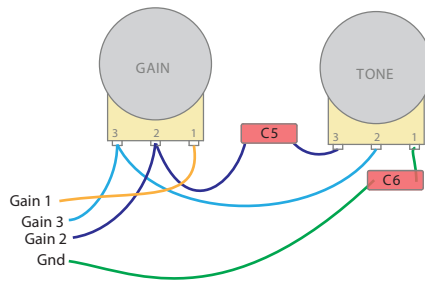
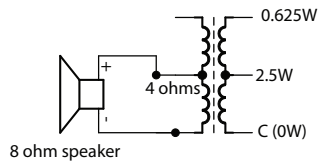
## Voltage inverter circuit



## Voltage multiplier circuit

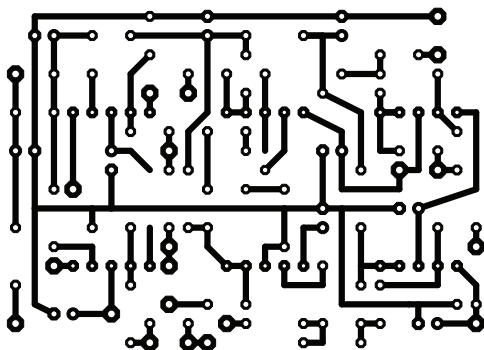


## Point-to-point

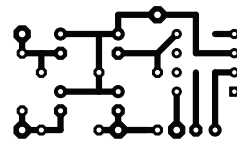


## Ready to transfer (toner, non-mirrored)

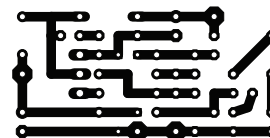
### Audio/Tube circuit



### Voltage inverter circuit



### Voltage multiplier circuit



**Audio circuit**

C1	220nF	R1	1M	Gain Pot.	A1M
C2	100pF	R2	33k	Tone Pot.	A1M
C3	22nF/100v	R3	75k	Volume Pot	B1M dual gang
C4	100uF	R4	51k	trimpot	100k
C5	470pF	R5	50k		
C6	4.7nF	R6	220k	Tube 1	5678
C7	100pF	R7	360k	Tube 2	5678
C8	10nF/100V	R8	51k	Tube 3	5678
C9	10uF/100v	R9	5.1k	Tube 4	5678
C10	100uF	R10	50k	Tube 5	5672
C11	22nF/100V	R11	430k	Tube 6	5672
C12	22nF/100V	R12	36k		
C13	100uF	R13	50k	Transformer	100V line*
C14	10uF/100v	R14	5.1k	*(with 2.5W and 0.625W taps)	
C15	22nF/100V	R15	220k		
C16	100uF	R16	15k		
C17	220pF	R17	300k		
C18	220pF	R18	15k		
C19	100uF	R19	1k		
C20	100uF	R20	100R		
C21	10uF/150v	R21	100R		
C22	10uF/150v	R22	470		
		R23	1k		

**Inverting power supply**

C23	10uF	R24	2.7k	IC1	ICL7660S
C24	10uF	R25	3.3k		
C25	10uF	R26	10k		
C26	10uF	R27	3.9k		
C27	10uF				

**High voltage power supply**

C1	330uF	R1	56k	IC1	LM555N
C2	2.2nF	R2	10k	Q1	IRF644
C3	100pf	R3	1k	D1	UF4001
C4	4.7uF/150V	R4	470R	T1	BC547
		R5	90k	trimpot	5k
		R9	2.2k		

All capacitors for 10v (or more), unless when specified.

I specified the minimum necessary voltage, feel free to use capacitors with higher ratings.

